Notice of Allowability	Application No.	Applicant(s)	
	09/812,813	YAMADA ET AL.	
	Examiner	Art Unit	
	Ly V. Hua	2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☑ The allowed claim(s) is/are 1-5.
3. ☑ The drawings filed on 3/21/2001 are accepted by the Examiner.
4. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☑ All b) ☐ Some* c) ☐ None of the:
      1. ☑ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☑ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☑ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Ly V. Hua
Primary Examiner
Art Unit: 2135

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

2. The next row of this table shows claims 1, 4 and 5.

3. 1. An information device system
   a. comprising:
      i a first information device having
         (1) first cable communication means and
         (2) first wireless communication means; and
      ii a second information device having
         (1) second cable communication means
            (a) which,
               (i) when connected to said first cable communication means,
               (ii) is adapted to communicate with said first cable communication means, and
         (2) second wireless communication means
            (a) which,
               (i) when in an effective communicative range with said first wireless communication means,
               (ii) is adapted to communicate with said first wireless communication means;
         (3) wherein said second information device further comprises:
            (a) judgment means for judging
               (i) which state said information device system is in,
                  1) a cable communication state in which said first and second cable communication means can communicate with each other,
                  2) a wireless communication state in which said first and second wireless communication means can communicate with each other, or
                  3) a non-communication state, other than said cable and wireless communication states; and
      iii restriction means
         (1) for increasing
            (a) a degree of restriction to be placed on processing performed by said second information device
            (b) from a lowest degree of restriction
               (i) imposed
                  1) when said judgment means judges that said information device system is in said cable communication state,
            (c) through an intermediate degree of restriction
               (i) imposed
                  1) when said judgment means judges that said information device system is in said wireless communication state,
            (d) to a highest degree of restriction
               (i) imposed
                  1) when said judgment means judges that said information device system is in said non-communication state.

4. 4. An information device system comprising:
   a. a first information device having
      i first cable communication means and
      ii first wireless communication means; and
   b. a second information device having
      i second cable communication means
         (1) which,
            (a) when connected to said first cable communication means,
            (b) is adapted to communicate with said first cable communication means,
      ii second wireless communication means
         (1) which,
            (a) when in an effective communicative range with said first wireless communication means,
            (b) is adapted to communicate with said first wireless communication means, and
      iii means
         (1) communicating with a network;
      iv wherein said second information device further comprises:
         (1) judgment means for judging
            (a) which state said information device system is in,
               (i) a cable communication state in which said first and second cable communication means can communicate with each other,
               (ii) a wireless communication state in which said first and second wireless communication means can communicate with each other, or
               (iii) a non-communication state, other than said cable and wireless communication states; and
         (2) altering means for
            (a) providing
               (i) awareness information
               (ii) to other information device
               (iii) through said network, and
            (b) altering
               (i) said awareness information
               (ii) in accordance with the judgment made by said judgment means.

5. 5. An information device system
   a. comprising:
      i a first information device having
         (1) first cable communication means and
         (2) first wireless communication means; and
      ii a second information device having
         (1) second cable communication means
            (a) which,
               (i) when connected to said first cable communication means,
               (ii) is adapted to communicate with said first cable communication means, and
         (2) second wireless communication means
            (a) which is adapted
               (i) to communicate
                  1) with said first wireless communication means
                  2) when said first wireless communication means is in an effective communicative range;
         (3) the transmission band
            (a) for communications between said first and second cable communication means
            (b) being broader than
               (i) the transmission band for communications between said first and second wireless communication means;
         (4) said second information device further comprising:
            (a) judgment means for judging
               (i) which state said information device system is in,
                  1) a cable communication state in which said first and second cable communication means can communicate with each other, or
                  2) a wireless communication state in which said first and second wireless communication means can communicate with each other; and
            (b) control means for
               (i) causing
                  1) said second cable communication means
                     a) to transmit information to said first cable communication means
                     b) when said judgment means judges that said information device system is in said cable communication state, and
               (ii) causing
                  1) said second wireless communication means
                     a) to transmit
                        i) information
                        ii) with a reduced amount of data.

As to claims 1, 4 and 5:

6. The prior art of record fail to teach or suggest:
   a. a judgment means
      i in a second device (as recited in the claim) and
      ii judgment means
      iii for judging
         (1) which state said information device system is in,
            (a) a cable communication state in which said first and second cable communication means can communicate with each other, or
            (b) a wireless communication state in which said first and second wireless communication means can communicate with each other,
         (2) which judgment's result is used:
            (a) (according to claim 1), by a restriction means
               (i) for increasing a degree of restriction to be placed on processing performed by said second information device
                  1) from a lowest degree of restriction imposed when said judgment means judges that said information device system is in said cable communication state,
                  2) through an intermediate degree of restriction imposed when said judgment means judges that said information device system is in said wireless communication state,
                  3) to a highest degree of restriction imposed when said judgment means judges that said information device system is in said non-communication state.
            (b) (according to claim 4), an altering means
               (i) for
                  1) providing
                     a) awareness information
                     b) to other information device
                     c) through said network, and
                  2) altering
                     a) said awareness information
                     b) in accordance with the judgment made by said judgment means.
            (c) (according to claim 5), by a control means
               (i) for
                  1) causing
                     a) said second cable communication means
                        i) to transmit information to said first cable communication means
                        ii) when said judgment means judges that said information device system is in said cable communication state, and
                  2) causing
                     a) said second wireless communication means
                        i) to transmit information with a reduced amount of data.

As to claims 2 and 3

7. The next row of this table shows claims 1, 2 and 3.

8. 1. An information device system a. comprising: i a first information device having (1) first cable communication means and (2) first wireless communication means; and ii a second information device having (1) second cable communication means (a) which, (i) when connected to said first cable communication means, (ii) is adapted to communicate with said first cable communication means, and (2) second wireless communication means (a) which, (i) when in an effective communicative range with said first wireless communication means, (ii) is adapted to communicate with said first wireless communication means; (3) wherein said second information device further comprises: (a) judgment means for judging (i) which state said information device system is in, 1) a cable communication state in which said first and second cable communication means can communicate with each other, 2) a wireless communication state in which said first and second wireless communication means can communicate with each other, or 3) a non-communication state, other than said cable and wireless communication states; and iii restriction means (1) for increasing (a) a degree of restriction to be placed on processing performed by said second information device (b) from a lowest degree of restriction (i) imposed when said judgment means judges that said information device system is in said cable communication state, (c) through an intermediate degree of restriction (i) imposed when said judgment means judges that said information device system is in said wireless communication state, (d) to a highest degree of restriction 1) imposed when said judgment means judges that said information device system is in said non-communication state.	9. 2. A processing restricting method a. in an information device system including i a first information device having (1) first cable communication means and (2) first wireless communication means and ii a second information device having (1) second cable communication means and (2) second wireless communication means, b. said method comprising: i a judgment step for judging (1) which state said information device system is in, (a) a cable communication state in which said first and second cable communication means are connected with each other for cable communications therebetween, (b) a wireless communication state in which said first and second wireless communication means are in an effective communicative range and are connected with each other for wireless communications therebetween, or (c) a non-communication state other than said cable and wireless communication states; and ii a processing restricting step (1) for increasingly restricting (a) processing (i) said second information device can do (b) from a lowest degree of restriction (i) imposed when said information device system is judged to be in said cable communication state, (c) through an intermediate degree of restriction (i) imposed when said information device system is judged to be in said wireless communication state, (d) to a highest degree of restriction (i) imposed when said information device system is judged to be in said non-communication state.	10. 3. A record medium a. which i a second information device (1) can read, (2) said second information device having (a) second cable communication means which, (i) when connected to first cable communication means of a first information device, (ii) is adapted to communicate with said first cable communication means, and having (b) second wireless communication means which, (i) when in an effective communicative range with first wireless communication means of said first information device, (ii) is adapted to communicate with said first wireless communication means; b. said record medium causing i a judgment and a processing restricting steps (1) to be executed by said second information device; (2) said judgment step (a) being for judging (i) which state said information device system is in, 1) a cable communication state in which said first and second cable communication means are connected with each other for cable communications therebetween, 2) a wireless communication state in which said first and second wireless communication means are in an effective communicative range and are connected with each other for wireless communications therebetween, or 3) a non-communication state other than said cable and wireless communication states; (3) said processing restricting step (a) being for increasingly restricting (i) processing said second information device can do (ii) from a lowest degree of restriction 1) imposed when said information device system is judged to be in said cable communication state, (iii) through an intermediate degree of restriction 1) imposed when said information device system is judged to be in said wireless communication state, (iv) to a highest degree of restriction 1) imposed when said information device system is judged to be in said non-communication state.
11. With respect to claim 1, the reason for allowing Claim 1 has been presented above.	12. With respect to claim 2, the steps recited in the method claim 2 is the function of the components of the device system of claim 1. The limitations in claim 2 are similar to those of claim 1 and thus claim 2 is also allowable over the prior art of record.	13. With regard to claim 3, the limitations in claim 3 are similar to those of claim 1, therefore claim 3 is also allowable the prior art of record.

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

15. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ly V. Hua whose telephone number is (703) 305-9684. The examiner can normally be reached on Monday to Friday, from 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vu Kim can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

16. The applicant is hereby notified that:
    a. TC 2100 will be moved to Carlyle in October 2004.
    b. The new phone number for TC 2100 receptionist is (571) 272-2100.
    c. The examiner's new contact phone number will be (571) 272-3853.

Ly V. Hua
Primary Examiner
Art Unit 2135

lvh
September 20, 2004